Weston Favell Academy

Mathematics Learning Journey

YEAR 11

- GCSE Revision and Preparations
- Exam Preparations
- Circle theorems*
- Quadratic Inequalities*
- Further Trigonometry*
- Linear & Quadratic Sequences*
- End of year Assessment
- Index numbers
- Cumulative Frequency & Box Plots
- Summarising data
- Assessment 3
- Frequency polygons
- Processing and representing data
- Assessment 2
- Designing investigations
- Hypotheses
- Collecting data
- Data
- Spearman's rank coefficient
- Scatter graphs
- Probability
- Area and volume
- Vectors
- Assessment 1
- 2D and 3D representations
- End of year review
- Moving averages
- End of year review
- Recurring Decimals to Fractions*
- Vectors*
- Algebraic Fractions*
- Proof*
- Exam Preparations
- Exam Preparations

*Higher content

Foundation topics based on Year 10 QLA data

YEAR 10

- Sequences
- Proofs and formulae
- Assessment 2
- Area & Perimeter
- Accuracy and rounding
- Factorising
- Assessment
- Expanding brackets
- Bearings
- Assessment 3
- Direct and inverse proportion
- Solving equations
- Fractions and decimals
- Indices and standard form
- Compound Measurers
- End of year review
- Exact Calculations
- End of year Assessment
- Equations and inequalities
- Assessment 4
- Rounding & Accuracy
- Percentage change
- Plans & Elevation
- Constructions and Loci

YEAR 9

- Algebraic manipulation
- Factors, Multiples & Primes
- End of year Assessment
- End of year review
- Types of Data & Averages
- Averages from a table
- Comparing graphs
- Data handling
- End of term assessment
- Line Symmetry and reflections
- Angles in parallel lines and polygons
- Area of trapezia and circles
- End of term assessment
- Surface Area
- Calculations with money
- Standard form index
- Fractions and Percentages
- End of term assessment
- Indices
- Sequences
- Brackets, equations and inequalities
- End of term assessment
- Finding probabilities
- Two way tables
- Representing data
- Finding gradients
- Conversions and proportion
- Graphs
- End of term assessment

YEAR 8

- Solving problems with multiplication and division
- Solving problems with adding and subtracting
- End of term assessment
- Fractions
- Rounding to Decimal places
- Using a number line
- Place value
- End of term assessment
- Converting between Fractions, Decimals and Percentages
- Rounding to significant figures
- End of term assessment
- Fractions and Percentage of amounts
- Operations and equations with directed number
- End of term assessment
- Addition and subtraction of fractions
- Angles
- Developing geometric reasoning
- Probability
- Prime numbers and proof
- End of year review
- End of year Assessment
- Ratio and scale
- Multiplying and dividing fractions

YEAR 7

- Collecting like terms
- Inverse Operations
- Substitution
- Use of function machines
- Using Algebraic Notations
- Finding nth term
- Sequences
- WFA Maths baseline assessment
- GL National Assessment

PRIMARY SCHOOL

- Welcome to Weston Favell Academy
- Open Evening competitions
- Feedback from Primary teachers
- Booster sessions